

ITI Quiz - 28-Apr-2026

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Q. ID: ITISKILL8540ND

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

ID: ITISKILL8540ND

Student Name: _____ Roll No: _____

1. Where the exhaust system muffler is connected?

- A) Between tail pipe and exhaust manifold
- B) Between exhaust pipe and exhaust manifold
- C) Between engine head and exhaust manifold
- D) Between exhaust pipe and tail pipe

C) By inlet gas

D) By belt

2. Which type of muffler is fitted with sensors and microphone ?

- A) Resonance type
- B) Electronic type
- C) Reverse flow type
- D) Straight through type

3. What is the reason to decrease the volumetric efficiency in exhaust system?

- A) Excessive back pressure
- B) High temperature
- C) Low temperature
- D) Low noise

4. What is the material of exhaust manifold?

- A) Brass
- B) Cast iron
- C) Steel alloy
- D) Bronze

5. Which type of muffler produces anti noise without restricting exhaust flow?

- A) Electronic type
- B) Baffle type
- C) Reverse flow type
- D) Straight through type

6. Which part connects the petrol engine inlet manifold?

- A) Fuel pump
- B) Air filter
- C) Carburetor
- D) Injector

7. Which component is related to exhaust system?

- A) Carburetor
- B) Air filter
- C) Injection pump
- D) Muffler

8. What is the purpose of catalytic converter?

- A) Control the fuel consumption
- B) Control the temperature
- C) Control the noise
- D) Control the emission

9. How does a turbocharger get drive?

- A) By gear
- B) By exhaust gas

10. Which is related to pneumatic system?

- A) Steam
- B) Pressurized water
- C) Compressed air
- D) Electric

11. Which type of filter element is fitted in dry type air cleaner?

- A) Strainer
- B) Wire mesh
- C) Cloth
- D) Paper

12. What is the material of inlet manifold?

- A) Stainless steel
- B) Brass
- C) Aluminium alloy
- D) Bronze

13. Which are the materials commonly used in the catalytic converter?

- A) Palladium and platinum
- B) Asbestos and ceramics
- C) Chromium and vanadium
- D) Zinc and molybdenum

14. What is the purpose of the turbo charger?

- A) Filter the exhaust gas
- B) Save power
- C) Pump more air into the cylinder
- D) Scavenging

15. Where the catalytic converter is fitted?

- A) Between engine head and exhaust manifold
- B) Between exhaust pipe and muffler
- C) Between tail pipe and resonator pipe
- D) Between muffler and tail pipe

16. Which one of the following acts as a flame arrester during engine back fire?

- A) Fuel filter
- B) Air filter
- C) Muffler
- D) Oil filter

17. Which metal in the fuel is to be avoided while fitting catalytic convertor?

- A) Chromium
- B) Lead
- C) Tin
- D) Phosphorus

18. What is the purpose of the muffler in the exhaust system?

- A) To reduce the heat
- B) To filter the exhaust gases
- C) To reduce the noise
- D) To reduce the vibration

20. Where is the turbocharger mounted?

- A) Exhaust manifold
- B) Air filter
- C) Cylinder head
- D) Inlet manifold

19. Where the catalytic converters are used?

- A) Fuel system
- B) Inlet system
- C) Exhaust system
- D) Lubrication system

21. Which process is taken place in catalytic convertor?

- A) Physical
- B) Biological
- C) Thermal
- D) Chemical